



**DECLARATION  
and  
DESIGNATION OF CORRESPONDENCE ADDRESS**

As an inventor named below, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought in the specification DP-308980 entitled

**ADAPTIVE CONTROL OF A CAM PHASE ADJUSTMENT MECHANISM**

I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to in this Declaration.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in title 37 Code of Federal Regulations, Section 1.56.

I further declare that all statements made above of my own knowledge are true, that all statements made above on information and belief are believed to be true, and that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under title 18 United States Code, Section 1001 and may jeopardize the validity of the application or any patent issuing thereon.

Address all communications to      **JIMMY L. FUNKE**  
   **DELPHI TECHNOLOGIES, INC.**  
   Legal Staff  
   P.O. Box 5052  
   Mail Code: 480-410-202  
   Troy, Michigan 48007-5052

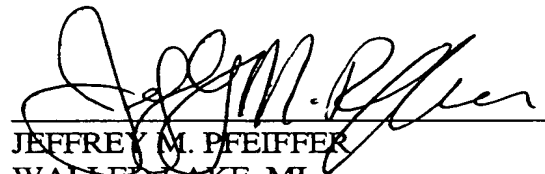
Telephone: (248) 813-1214

Inventor's signature

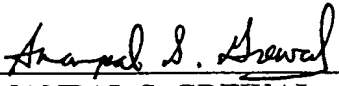
Full name :

Residence :


Post office address:

  
**JEFFREY M. PFEIFFER**  
**WALLED LAKE, MI**  
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**WALLED LAKE, MI 48390**

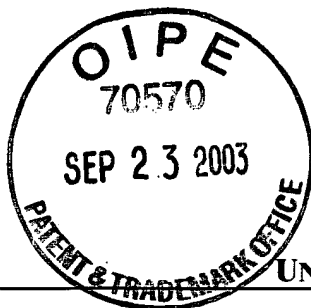
Date June 2, 2003  
Citizenship: US

Inventor's signature   
Full name : AMANPAL S. GREWAL  
Residence : NOVI, MICHIGAN  
Post office address: 22622 BECKENHAM COURT  
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Date 6-23-03  
Citizenship: US

Inventor's signature   
Full name : DANIEL LEE MCKAY  
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BRIGHTON, MI 48116

Date 6/23/03  
Citizenship: US



UNITED STATES PATENT AND TRADEMARK OFFICE

DP-308980

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 01, 2004

PTAS



\*102569617A\*

DELPHI TECHNOLOGIES, INC.  
JIMMY L. FUNKE  
P.O. BOX 5052  
LEGAL STAFF - MAIL CODE: 480-410-202  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/23/2003

REEL/FRAME: 014554/0330  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PFEIFFER, JEFFREY M.

DOC DATE: 06/02/2003

ASSIGNOR:

GREWAL, AMANPAL S.

DOC DATE: 06/24/2003

ASSIGNOR:

MCKAY, DANIEL LEE

DOC DATE: 05/29/2003

ASSIGNEE:

DELPHI TECHNOLOGIES, INC.  
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TROY, MICHIGAN

RECEIVED/DELPHI

MAY 06 2004

Legal Staff

014554/0330 PAGE 2

SERIAL NUMBER: 10668384  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

LENELL MACKALL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-07-2003



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22-SEP-03

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 Alexandria, Virginia 22313-1450

17497 U.S. PTO  
 10/668384  
 09/23/03

Enclosed for recording is Assignment documentation for the following patent application:

Attorney Docket No. : DP-308980

(1) Assignor/Inventors : JEFFREY M. PFEIFFER  
 AMANPAL S. GREWAL  
 DANIEL LEE MCKAY

(2) Assignee : DELPHI TECHNOLOGIES, INC.  
 Legal Staff - Mail Code : 480-410-202  
 P.O. Box 5052  
 TROY, MICHIGAN

(3) Assignment of patent application

(4) Application number:  
 If blank, this documentation is filed together with the patent application.

(5) Address correspondence to : JIMMY L. FUNKE  
 DELPHI TECHNOLOGIES, INC.  
 Legal Staff  
 P.O. Box 5052  
 Mail Code: 480-410-202  
 Troy, Michigan 48007-5052

(6) Number of applications : 1  
 Total Fee : 40.00

(7) Date documentation executed: June 2, 2003, June 24, 2003 and May 29, 2003

(8) Not applicable

(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title : ADAPTIVE CONTROL OF A CAM PHASE ADJUSTMENT MECHANISM

Please charge the \$ 40.00 assignment recording fee to DELPHI TECHNOLOGIES INC., Deposit Account No. 50-0831.

10/06/2003 GTON11 00000130 500831 10668384

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JIMMY L. FUNKE  
 (248) 813-1214

Total number of pages including cover sheet, attachments and document: 2

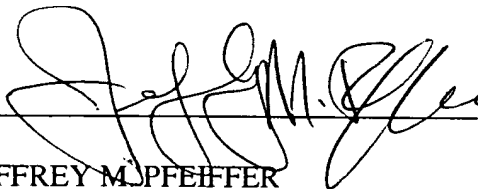
Enclosures

**ASSIGNMENT**

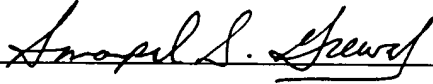
Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application DP-308980 entitled

**ADAPTIVE CONTROL OF A CAM PHASE ADJUSTMENT MECHANISM**

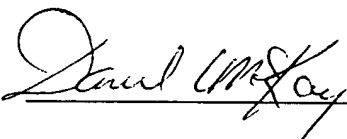
for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney JIMMY N. FUNKE to insert the application number and filing date of said application here in parentheses ( \_\_\_\_\_ filed \_\_\_\_\_ ) when known.

Inventor's signature  Date JUNE 2, 2003  
Full name : JEFFREY M. PFEIFFER Declaration dated :

Residence : WALLED LAKE, MI JUNE 2, 2003

Inventor's signature  Date JUNE 24, 2003  
Full name : AMANPAL S. GREWAL Declaration dated :

Residence : NOVI, MICHIGAN JUNE 24, 2003

Inventor's signature  Date 5/29/03  
Full name : DANIEL LEE MCKAY Declaration dated :

Residence : BRIGHTON, MI 5/29/03